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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Mario Magaldi et al. )  
Application No. 10/501,013 ) NOW U.S. Patent No. 7,468,118 B2  
Filed: January 21, 2005 ) Granted: December 23, 2008  
For: EXTRACTION, DRAINAGE AND )  
TRANSPORT OF PETROLEUM )  
COKE ) Attorney Docket No. IPS-101

**REQUEST FOR RECONSIDERATION**  
**RE CERTIFICATE OF CORRECTION**

Decisions & Certificates of Correction Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Communication dated April 29, 2009 regarding the Request for Certificate of Correction filed in the subject patent, the following documents and information are supplied.

The subject case is a National Stage of PCT/EP03/00103; therefore, the text of the PCT application is utilized by the U.S. PTO during prosecution. The text which was omitted from the granted patent (identified on the Certificate of Correction) appears in the PCT application at page 2, line 31 (copy enclosed).

The only amendment made to the specification was the insertion of the heading "Brief Description of the Drawings" at page 2, line 33. The foregoing amendment was made by Examiner's Amendment (copy of Notice of Allowability and Examiner's Amendment enclosed). No text was deleted from the specification during prosecution.

It is respectfully requested that a Certificate of Correction be issued rectifying the omission of text.

Respectfully submitted,

Date: May 20, 2009

By   
Talivaldis Cepuritis (Reg. No. 20,818)

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function of holding said mixture in order to avoid the spreading of the material in the surrounding areas.

Below the crusher there is a chute which conveys all the mixture towards a collecting basin from which the mixture on its turn is pumped toward some big  
5 containment towers named "hydrobins" that have the function of separating the solid part of the coke from the water.

After this separation the coke is extracted from the hydrobins through rubber belts and stored at the coal store-yard from which is collected afterwards in order to be used in the thermal power plant.

10 Today these processes have several negative aspects related to:

- Environmental impact, mainly regarding the dustiness connected to the coke storage and the following transport to the boiler's bunkers.
- High costs of the processing. The procedures are very complex.
- Clogging problems during the extraction phase due to the crusher.

15 The object of the present invention is that of remedying to the inconveniences belonging to the known state of the art.

Therefore the invention's object is that of radically modifying the full process through the elimination of all the previously mentioned negative aspects.

It must be said that some of the processes, as it will be clear afterwards, are  
20 worthy even if taken apart from their integration into the petroleum coke extraction and transport process from the coking towers. The new extraction process and the following transport is achieved by a draining belt, which complies at the same time with the functions of extraction and water drainage of the water/coke mixture discharged from the coking towers, and hence it substitutes the hydraulic transport  
25 phase and the following coke/water separation phase in the hydrobins.

A brief description of the proposed process will allow to better understand the advantages it offers. Said process regards only the coking towers' downstream part of the plant, and therefore does not include the process inside the very own tower.

30 In the following description a preferred embodiment of the invention's system is explained in an explanatory but not limiting way, with reference to the annexed drawings wherein:

Figure 1 is a diagrammatic view of the system; and

Figure 2 is a detail of the drainage and extraction device.



### Notice of Allowability

Application No.

10/501,013

Examiner

N. Bhat

Applicant(s)

MAGALDI ET AL.

Art Unit

1797

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendments and arguments of June 24, 2008.
2. ☒ The allowed claim(s) is/are 1-10.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

#### Attachment(s)

- |  |  |
|--|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)   | 5. <input type="checkbox"/> Notice of Informal Patent Application                      |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br>Paper No./Mail Date _____    | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                    |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance   |
|  | 9. <input type="checkbox"/> Other _____.   |



Application/Control Number: 10/501,013  
Art Unit: 1797

Page 2

#### DETAILED ACTION

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

In the Specification:

Page 2, line 33, insert --Brief Description of the Drawings"

2. The following is an examiner's statement of reasons for allowance: There is no teaching or suggestion in the art to provide a system which extracts, drains and transports petroleum coke from a delayed coker (coking chamber) which includes a pre-crusher, a containment and drainage hopper, a connection between the tower and the pre-crusher, a draining extracting belt, a water collection system and further including a draining belt and rubber belt which removes and dewateres coke from a delayed coker as presently claimed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to N. Bhat whose telephone number is 571-272-1397. The examiner can normally be reached on Monday-Friday, 9:30AM-6:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Glenn Caldarola can be reached on 571-272-1444. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.